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## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of: Valenzuela et al.

Application No. 10/533,811 Filed: April 29, 2005 Confirmation No. 7353

For: LUTZOMYIA LONGIPALPIS

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Examiner: Padmayathi Baskar

Art Unit: 2839

Attorney Reference No. 4239-67028-08

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## POWER OF ATTORNEY BY JOINT ASSIGNEES

The Government of the United States of America as Represented by the Secretary of the Department of Health and Human Services ("the Government") and Fundação Oswaldo Cruz (FIOCRUZ) are assignees of the entire right, title and interest of the patent application as evidenced in assignments of the named inventors. The assignments were recorded with the United States Patent and Trademark Office on April 29, 2005, on Reel 017179, Frames 0753-0755; and on October 4, 2005, on Reel 016850, Frames 0715-0717 and Frames 0736-0738.

As joint assignees of the entire interest in the above-referenced application, any powers of attorney previously given are hereby revoked. The practitioners associated with Customer Number 36218 are hereby appointed to transact all business in the U.S. Patent and Trademark Office connected with the referenced application, all applications claiming the benefit thereof, and all continuations and divisions thereof.

Please address all correspondence to Customer Number 36218 at:

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The National Institutes of Health Office of Technology Transfer has been duly delegated responsibility for patent matters under the authority of the memorandum dated May 21, 1991. from Louis W. Sullivan, the Secretary of the Department of Health and Human Services. delegating the authority to the Heads of the Public Health Service Operating Divisions, as well as a memorandum dated February 2, 2004, from Mark L. Rohrbaugh, Ph.D., J.D., Director, Office of Technology Transfer, National Institutes of Health, delegating authority to sign this Power of Attorney to the undersigned individual. The undersigned is therefore authorized to exercise such

authority in this matter. National Institutes of Health Office of Technology Transfer Executed at 6011 Executive Blvd. Suite 325 on the 12 day of December 2007. Rockville, MD 20852 UNITED STATES DEPARTMENT OF HEALTH AND HUMAN SERVICES Name: MICHAGE SHMILOWILL Reg. No.: 45,634 For: National Institutes of Health Office of Technology Transfer 6011 Executive Boulevard, Suite #325 Rockville, MD 20852 Telephone: 301-496-7056 The undersigned is authorized to sign this Power of Attorney by Joint Assignees on behalf of the Fundação Oswaldo Cruz (FIOCRUZ). Executed at \_\_\_\_\_\_ on the \_\_\_ day of . 2007. Fundação Oswaldo Cruz (FIOCRUZ) By: Name: Title: